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## Washington University Record, April 16, 2009

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# Record



Washington University in St. Louis

April 16, 2009

record.wustl.edu



Tisch Commons has been a central gathering place for students since the Danforth University Center opened last August.

## Danforth University Center formal dedication April 17

The William H. and Elizabeth Gray Danforth University Center opened Aug. 11, 2008, to the joy of students, staff and visitors alike. On Friday, April 17, the Washington University community will come together to celebrate its formal dedication and honor its namesakes.

The contributions of the new Center to the life of the campus have been widely felt by all members of the campus community, and each group will be represented at the 3 p.m. ceremony in Graham Chapel.

David W. Kemper, chairman of the Board of Trustees; Chancellor Mark S. Wrighton; Chancellor Emeritus William H. Danforth; and Trustee Emeritus Robert Virgil, Ph.D., all will speak at the special event. Ann Rubenstein Tisch, trustee, alumna and major donor to the Center, also will give remarks.

Speakers who will address the impact of the Center on students' lives include James E. McLeod, vice chancellor for students and dean of the College of Arts & Sciences, as well as Brittany Perez and Charles Vos, representing undergraduate and graduate stu-

dents, respectively.

"Every time I am in the Danforth University Center, I am struck by its beauty, its functionality and the way in which people, especially students, are thriving in its environment," Wrighton said. "When I enter the Center, I think of the Danforths' vision, and I'm gratified that it has been realized. Of the many buildings developed during my chancellorship, none has had such an immediate and profound effect on our community."

"At the heart of the Danforth University Center's purpose is a comfortable gathering space that accommodates the activities and daily interactions of all who come to the Danforth Campus," McLeod said. "The Center is a place where we eat, study, work, meet and enjoy stimulating programs."

Immediately following the formal program in the chapel, guests will gather at the north entrance of the Danforth University Center for a ribbon-cutting and a reception in the Edison Family Courtyard and

See **Dedication**, Page 2

## Hofmeister helps revolutionize geoscience research on Earth's crust

By Rachel Shulman

Putting a new spin on an old technique, Anne M. Hofmeister, Ph.D., research professor of earth and planetary sciences in Arts & Sciences, has revolutionized scientists' understanding of heat transport in the Earth's crust, the outermost solid shell of our planet.

Temperature is an important driver of many geological processes, including the generation of molten rocks, or magma, in the deepest parts of the Earth's crust, about 30-40 kilometers below the surface.

Yet, until recently, those temperatures deep inside the Earth

were uncertain, mainly because of difficulties associated with measuring thermal conductivity, or how much heat is flowing through the rocks that make up the crust.

In conventional methods of measuring thermal conductivity, measurement errors arise as the temperature of a rock nears its melting point. At such high temperatures, heat is not only just transported from atom to atom by vibrations, but also by radiation, or light.

Since conventional methods cannot separate heat flow carried by vibrations from that associated with radiation, most measurements of how efficiently rocks transport heat at high temperatures

have been overestimated. Because of this experimental uncertainty, scientists have assumed rock conductivity to be constant throughout the crust in order to make advances in models describing Earth's geological behavior.

But Hofmeister has helped change that thinking. Using an industrial laser typically used for steel welding, Hofmeister was able to circumvent the problems that plagued the older methods. Her facility at WUSTL is the first in the world to employ such a laser for geoscience research.

Her technique, laser-flash analysis, provides much more accurate data on heat transport

See **Geoscience**, Page 6

## Campus to be tobacco-free by summer 2010

By Jessica Daues

In an effort to provide a healthy, comfortable and productive work and learning environment for students, faculty and staff, all Washington University campuses will become entirely smoke- and tobacco-free by July 2010, announced Chancellor Mark S. Wrighton.

Current policy prohibits smoking in any University building. Beginning July 2010, smoking and tobacco use will be prohibited on University-owned and -managed properties.

"We know it will be difficult for some in the University community, but we believe that this is the right and best policy for the health of all who live, work and study at Washington University," Wrighton said.

The School of Medicine prohibited tobacco use within school facilities and on school property in 2007.

"Smoke-free environments significantly reduce exposure to secondhand smoke, which has been associated with health problems such as heart disease and respiratory illnesses," said Alan I. Glass, M.D., assistant vice chancellor and director of Habif Health and Wellness Center. "This is an important campus health initiative, and the University will offer

support to those affected in hopes of making the transition as easy as possible for our campus community."

To assist those who wish to quit smoking, WUSTL will offer free smoking-cessation programs to students, faculty and staff members. These programs generally include seven weekly one-hour classes.

In addition, smoking-cessation medications will be made available at no cost for students covered by the Washington University student health insurance. Faculty and staff members enrolled in the University's smoking-cessation program will be able to purchase a six-week supply of smoking-cessation products for \$15 via a payroll deduction after the completion of the program's third and seventh classes.

Community organizations and Web sites such as the American Cancer Society, American Lung Association, Nicotine Anonymous and Smokefree.gov also offer tips on how to quit smoking, counseling and other services for little or no cost.

Administrators have established three committees for faculty, staff and graduate and undergraduate students to help communicate information about the new policy, identify obstacles to the

See **Tobacco**, Page 7

## Sleep helps clear the brain for new learning

By Michael C. Purdy

Using fruit flies, School of Medicine researchers found evidence that sleep, already recognized as a promoter of long-term memories, also helps clear room in the brain for new learning.

Results were published in the April 3 issue of *Science*.

The critical question: How many synapses, or junctures where nerve cells communicate with each other, are modified by sleep? Neurologists believe creation of new synapses is one key way the brain encodes memories and learning, but this cannot continue unabated and may be where sleep comes in.

"There are a number of reasons

why the brain can't indefinitely add synapses, including the finite spatial constraints of the skull," said senior author Paul Shaw, Ph.D., assistant professor of neurobiology. "We were able to track the creation of new synapses in fruit flies during learning experiences and to show that sleep pushed that number back down."

Scientists don't yet know how the synapses are eliminated. According to theory, only the less important connections are trimmed back, while connections encoding important memories are maintained.

Many aspects of fly sleep are similar to human sleep; for example, flies and humans deprived

See **Sleep**, Page 2

### 'State of the University' address April 23

Chancellor Mark S. Wrighton will give a "State of the University" address at 8:30 a.m. April 23 in Edison Theatre.

Wrighton will be joined by Henry S. Webber, executive vice chancellor for administration; Barbara A. Feiner, vice chancellor for finance and chief financial officer; and Ann B. Prenatt, vice chancellor for human resources. After the speech, all four will be available for ques-

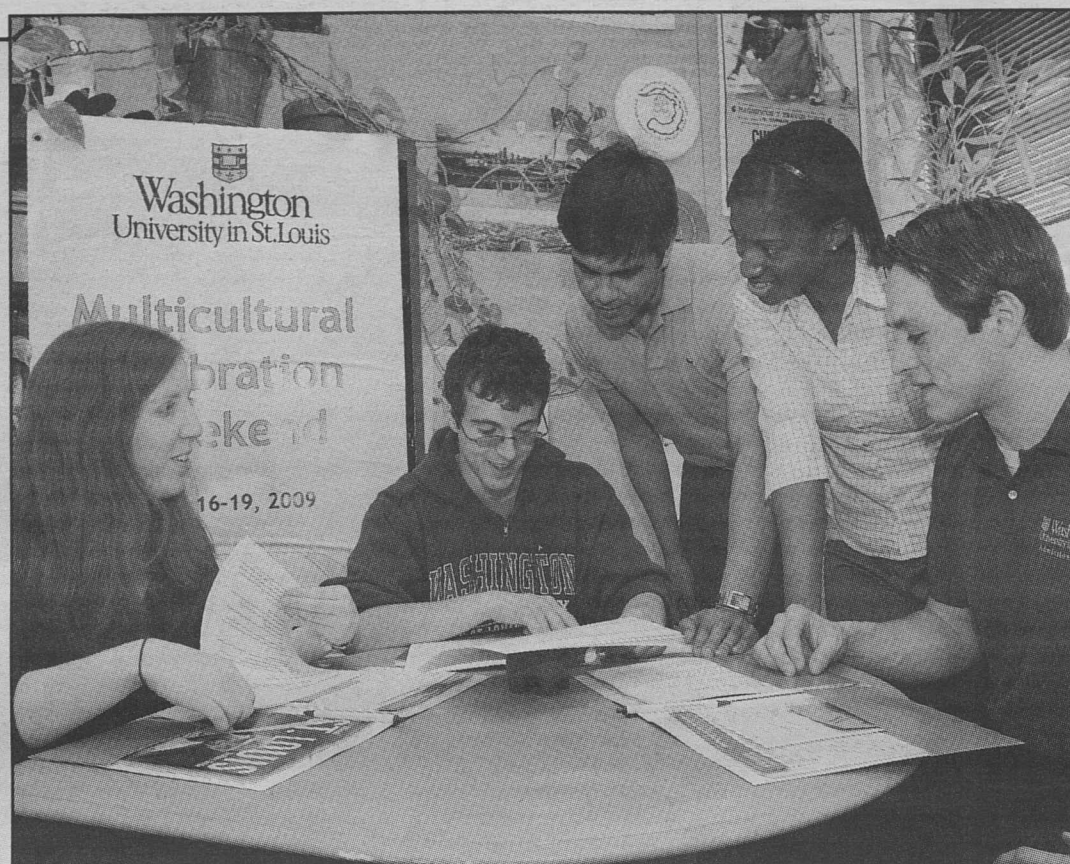
tions from the audience.

For those unable to attend, the presentation will be broadcast live via a link on the University's home page at wustl.edu. It also will be recorded and available online after the presentation at wustl.edu.

Deans of individual schools also will hold similar forums to communicate with school faculty and staff and address school-specific issues.







**Time to celebrate!** (From left) Freshmen Lauren Katz and Nick Garzon; Mario Treto, assistant director of admissions; sophomore Jennifer Karikari; and Michael Armijo, senior assistant director of admissions, review informational packets to be distributed to visiting students during Washington University's Multicultural Celebration Weekend, which begins Thursday, April 16. During Celebration Weekend, the WUSTL community offers admitted students the opportunity to meet current students and faculty and attend classes and student group meetings. Armijo coordinates Celebration Weekend with the help of nearly 100 undergraduate students.

## Dedication

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throughout the Center. Students will be on hand to offer tours to guests.

Named in honor of Chancellor Emeritus William H. Danforth and the late Elizabeth (Ibby) Gray Danforth, the three-story, 116,000-square-foot facility boasts an impressive array of eateries (including Ibby's Bistro), rooms for staff and student offices, meeting rooms, classrooms, the Career Center, courtyards, casual and formal lounges and, below it, a 522-space parking garage.

For several decades, the Danforths have been a major force for the advancement of Washington University and a significant presence in the lives of students, staff, faculty, alumni and friends.

In 1971, William H. Danforth became the University's 13th chancellor, but his influence was felt much earlier as a professor in the medical school and vice chancellor of medical affairs. After his chancellorship, he served as chairman and life trustee for the board and currently is chancellor emeritus.

Elizabeth Gray Danforth, who died in 2005, shared her husband's passion and vision for the University and was actively involved in the life of the campus.

Both students, Vos, a business and law graduate student, and Perez, Student Union president who will graduate in May with a degree in psychology in Arts & Sciences, appreciate the Danforth University Center for different reasons.

The Danforth University Center provides a dedicated place for graduate students to gather for the first time. Perez's successors in Student Union will now work in comfortable offices.

The concept of a true university center — an indoor town square — began with a lead gift from the Danforth Foundation during the Campaign for Washington University.

According to Virgil, chairman of the Danforth University Center Campaign Committee, early commitments from A.G. Edwards & Sons Inc. and the Edison Family Group helped move the planning forward with several additional gifts from alumni, parents, trustees, corporations, foundations, staff and other friends.

David T. Blasingame, executive

vice chancellor for alumni & development programs, attributes the successful gift effort to the dedication of the committee and to the University's supportive group of alumni, parents and friends:

"With Bob Virgil at the helm, the committee did a splendid job in communicating our need for this outstanding facility, which is now the center of activity on the Danforth Campus, and our friends and supporters responded with extraordinary generosity," Blasingame said.

In addition to being an emeritus trustee, Virgil is dean emeritus of the Olin Business School, where he led as acting dean from 1977-79 and then continued as dean until 1993. He has led many volunteer projects at the University, including the commission to celebrate the sesquicentennial in 2003-04.

One of the most popular gathering areas is Tisch Commons, made possible by the generosity of Ann Tisch, who graduated from Arts & Sciences in 1976, and her husband, Andrew.

Ann Tisch enjoyed a successful media career, then, in 1991, she began devoting her time to creating an all-girls public school in East Harlem, N.Y. Called The Young Women's Leadership School, the curriculum stresses mathematics, science and technology. Its success provided the momentum to expand, with schools now operating in New York, Pennsylvania, Illinois and Texas.

Adjoining Tisch Commons is the John F. and Stephanie Brooks Dains Dining Hall, offering an inviting place to enjoy the greatest variety of dining choices on campus. The couple met while at Washington University.

Stephanie Dains graduated from Arts & Sciences in 1969 with a degree in psychology and earned a master of arts degree in teaching from Webster University, which she used to forge a career as an art therapist and teacher.

John Dains, a 1968 graduate of the John M. Olin Business School, is chief executive officer of Helm Financial Corp., which leases railcars and locomotives. Their quote, now on a plaque hanging in the dining hall, sums up their feelings for their alma mater:

"No single experience has had more affect on our lives than our time at Washington University. Not only did the University develop our critical thinking, it introduced us to many of our

greatest lifelong friends, not to mention each other."

On the third floor, members of the student media, such as Student Life and WUTV, keep busy in their new, spacious workrooms. Here you'll find another example of remarkable generosity: the Angel and Paul Harvey Media Center.

The late Lynne "Angel" Cooper Harvey, a devoted alumna and pioneering radio producer, and her husband, the late radio broadcaster Paul Harvey, were dedicated, longtime supporters of the University.

Paul Harvey, who died Feb. 28 at age 90, was one of the most recognizable voices on radio. He became famous with the "Paul Harvey News & Comment" program, broadcast daily by ABC Radio Networks beginning in 1951. Together with another popular commentary, "The Rest of the Story," Harvey's programs reached an estimated 25 million listeners on more than 1,200 stations and 400 Armed Forces stations.

## Sleep

— from Page 1

of sleep one day will try to make up for the loss by sleeping more the next day. Because the human brain is much more complex, Shaw uses the flies as models for answering questions about sleep and memory.

Sleep is a recognized promoter of learning, but, three years ago, Shaw turned that association around and revealed that learning increases the need for sleep in the fruit fly. In a 2006 paper in Science, he and his colleagues found that two separate scenarios, each of which gave the fruit fly's brain a workout, increased the need for sleep.

In the first scenario, scientists found that flies raised in an enhanced social environment — a test tube full of other flies — slept about 2-3 hours longer than flies raised in isolation.

In the second, researchers exposed male fruit flies to females that were either already mated or were actually male flies altered to emit female pheromones. Either fly rebuffed the test fly's attempts to mate. The test flies were then kept in isolation for two days and exposed to receptive female flies. Test flies that remembered their prior failures didn't try to mate

## 'When the Emperor Was Divine' chosen Freshman Reading book

By NEIL SCHOENHERR

The Freshman Reading Program steering committee has announced that the Class of 2013 will be reading Julie Otsuka's "When the Emperor Was Divine," a novel set in a Japanese-American internment camp in World War II.

Over the summer, incoming freshmen will receive copies of the book, along with a reader's guide, and are expected to have completed the book before arriving on campus.

During orientation, freshmen will participate in faculty-led discussions, but the focus of the book won't end there. Programs are being planned throughout the next academic year that will be based on race and racial profiling — the key themes of the book.

Otsuka's debut novel, "When the Emperor Was Divine," tells the story of a Japanese-American family forced to live in an internment camp. In five chapters, Otsuka presents the points of view of each family member living through one of the darker periods in American history: the internment of more than 110,000 Japanese-Americans for three-

and-a-half years.

"When the Emperor Was Divine" is a spare and elegantly written novel by Julie Otsuka, a young Japanese-American woman," said Karen Coburn, senior consultant in residence and a member of the reading program's steering committee. "It grapples with timeless questions of identity and being 'the other' as well as current debates about racial profiling and the rights of citizens in a democracy in times of fear and war.

"We will be working with campus partners, including the Center for Ethics and Human Values, to plan programs and symposia throughout the year addressing issues Otsuka raises in her book," Coburn said.

The Freshman Reading Program began in 2003 and aims to provide a common intellectual experience for incoming students, introduce them to a spirit of debate and inquiry and provide an opportunity for increased student-faculty interaction both in and out of the classroom.

Last year's book was Elizabeth Kolbert's "Field Notes From a Catastrophe: Man, Nature, and Climate Change."

Angel Harvey forged a career in broadcasting at a time when the industry was dominated by men, and her innovations in broadcast journalism have been recognized by being the first producer inducted into the Radio Hall of Fame.

She earned both a bachelor's degree and a master's degree in English in Arts & Sciences from Washington University. The Harveys are remembered each day by the students who use the media center.

Wrighton said that the growing number of gifts speaks not only to the stellar work of the committee but also to the great admiration felt for the Danforths.

"Perhaps no other couple has had a greater impact and earned the admiration and respect of so many of us," Wrighton said.

"Ibby would be very pleased by having her name attached to this wonderful center," Danforth said. "I have countless warm memories of our years together at Washington University. She would see the new Danforth University Center

as a special place where students can gather with their friends and classmates for activities and talks, for learning and for growing."

The Center's architect, Tsoi/Kobus and Associates of Cambridge, Mass., has won industry awards for the building. Clayco of St. Louis served as general contractor.

The Boulder, Colo., design firm Communication Arts Inc. designed some of the dining areas and the Center's "fun room," which is a unique spot for students to relax.

Because of its adherence to the University's commitment to sustainability, energy and environmental responsibility, the facility has received a Leadership in Energy and Environmental Design (LEED) Gold rating from the U.S. Green Building Council.

The ceremony and dedication are open to the public.

For more information, call Debbie Baldrige at 935-7066 or 800-935-6298 or send an e-mail to ducedication@wustl.edu.

again and also slept more. Researchers concluded that these flies had encoded memories of their prior experience, more directly proving the connection between sleep and new memories.

Scientists repeated these tests for the new study, but this time, they used flies genetically altered to make it possible to track the development of new synapses, the junctures at which brain cells communicate.

"The biggest surprise was that out of 200,000 fly brain cells, only 16 were required for the formation of new memories," said first author Jeffrey Donlea, a graduate student. "These 16 are lateral ventral neurons, which are part of the circadian circuitry that let the fly brain perform certain behaviors at particular times of day."

When flies slept, the number of new synapses formed during social enrichment decreased. When researchers deprived them of their sleep, the decline did not occur.

Donlea identified three genes essential to the links between learning and increased need for sleep: rutabaga, period and blistered. Flies lacking any of those genes did not have increased need for sleep after social enrichment or the mating test.

Blistered is the fruit fly equivalent to a human gene known as serum response factor (SRF).

Scientists have previously linked SRF to plasticity, a term for brain change that includes both learning and memory and the general ability of the brain to rewire itself to adapt to injury or changing needs.

The new study shows that SRF could offer an important advantage for scientists hoping to study plasticity: Unlike other genes connected to plasticity, it's not also associated with cell survival.

"That's going to be very helpful to our efforts to study plasticity because it removes a large confounding factor," said co-author Naren Ramanan, Ph.D., assistant professor of neurobiology. "We can alter SRF activity and not have to worry about whether the resulting changes in brain function come from changes in plasticity or from dying cells."

Shaw plans further investigations of the connections between memory and sleep, including the question of how increased synapses induce the need for sleep.

"Right now a lot of people are worried about their jobs and the economy, and some are no doubt losing sleep over these concerns," Shaw said.

"But these data suggest the best thing you can do to make sure you stay sharp and increase your chances of keeping your job is to make getting enough sleep a top priority," Shaw said.



## School of Medicine Update

# Two new genetic variants raise risk of breast cancer

By GWEN ERICSON

A multicenter study has found two new genetic variants associated with an increased risk of breast cancer.

The study was conducted by the Cancer Genetic Markers of Susceptibility (CGEMS) initiative and reported through advance online publication in *Nature Genetics*.

"Each of these markers independently increases a woman's risk of breast cancer," said Graham Colditz, M.D., one of the study's investigators, the Niess-Gain Professor of Surgery and associate director of prevention and control at Siteman Cancer Center. "The increased risk is fairly small — comparable to the increased risk represented by such factors as being overweight or lacking physical activity."

A number of environmental and lifestyle factors can raise the risk of breast cancer to varying degrees. These include current use of oral contraceptives or hormone replacement therapy, alcohol consumption, being overweight and a lack of physical activity. A woman's genetic makeup also contributes to the likelihood of developing breast cancer, and the disease is nearly twice as frequent in women who have a close relative with breast cancer.

In the United States, the average lifetime risk of breast cancer for women is about 13 percent, so the 20 percent to 30 percent risk increase represented by the new genetic variants would raise the lifetime risk for a woman who carries one of the variants to about 16 percent or 17 percent. In comparison, well-known high-risk genetic variants in the BRCA1 and BRCA2 genes raise a woman's risk of breast cancer by 300 percent to 700 percent.

In addition to uncovering the two new risk variants, the study

confirmed that six previously discovered variants were associated with increased risk of breast cancer.

Colditz said the newly identified genetic variants, along with those previously discovered, can potentially help doctors evaluate risk in patients who have additional breast cancer risk factors associated with their physical health and lifestyle. The genes can also provide information that can lead to new strategies for prevention or treatment.

The current study used genome-wide association analysis to look for genetic variants that raise breast cancer risk. Genome-wide association involves scanning genetic markers in the complete sets of DNA, or genomes, of many people to find genetic variations associated with disease. The researchers compared the genomes of almost 10,000 postmenopausal women with breast cancer with an equal number without breast cancer. The two newly identified risk variants were significantly more frequent in women with breast cancer than in those without the disease.

One of the variants, present in about 39 percent of women, was on chromosome 1. The variant is in a genetic region near the centromere. Two known genes reside in the region, and, at this time, it is not clear whether these or other nearby genes might be associated with breast cancer risk. The other variant, present in 76 percent of women, was on chromosome 14 in a gene called RAD51L1.

The authors suggest that the new associations could point to previously unknown cellular pathways that contribute to breast cancer development, but they also indicate that the clinical significance of the genetic locations still needs to be determined with further research.



Colditz



**'Comedy Tonight'** (From left) Jason Turner, a first-year medical student; Jennifer Sylvester, a first-year doctor of physical therapy student; and Ben Jacobs, a fourth-year medical student, will star in "A Funny Thing Happened on the Way to the Forum," the spring musical production by School of Medicine students. Performances will be held April 23, 24 and 25 at 8 p.m. at the Whelpley Auditorium on the St. Louis College of Pharmacy campus. Tickets purchased in advance are \$5 for students and children under 17 and \$10 for adults. Tickets purchased at the door are \$10 for students and children and \$20 for adults. To purchase tickets, contact Isabelle Chumfong at [chumfongi@wusm.wustl.edu](mailto:chumfongi@wusm.wustl.edu) or Diane Smith at [smithd@wusm.wustl.edu](mailto:smithd@wusm.wustl.edu).

## \$5.5 million from Gates Foundation funds study of childhood malnutrition

By CAROLINE ARBANAS

Scientists who first established a link between obesity and the trillions of friendly microbes that live in the intestine now are investigating whether the organisms can contribute to the converse: severe malnutrition.

School of Medicine researchers led by microbiologist Jeffrey Gordon, M.D., the Dr. Robert J. Glaser Distinguished University Professor, will study whether severely malnourished infants living in Malawi and Bangladesh have a different mix of intestinal microbes than healthy infants in the same areas and whether those microbes might account for their

**"Investigating how gut microbes contribute to malnutrition could provide a framework for developing more effective ways to treat and prevent these devastating diseases."**

JEFFREY GORDON

illness. This three-year, \$5.5 million project is funded by the Bill & Melinda Gates Foundation.

"This work is designed to understand the complex interplay among a child's diet and his or her gut microbial community, immune system and human genome in the development of the most severe forms of malnutrition, kwashiorkor and marasmus," said Gordon, who directs the University's Center for Genome Sciences. "Investigating how gut microbes contribute to malnutrition could provide a framework for developing more effective ways to treat and prevent these devastating diseases."

The research will focus on twins ages 6 months to 2 years in which one or both twins is severely malnourished and, as a comparison, healthy twins. Identical and fraternal twins are being studied because they have identical or similar genetic backgrounds, and they share the same early environment after birth.

Gordon is teaming with Mark Manary, M.D., the Helene B. Roberson Professor of Pediatrics, who has spent more than two decades in Malawi treating malnourished children. Manary also helped develop a calorie-dense, enriched peanut-butter mixture that can be fed to malnourished children and has helped many of them recover. Gordon and members of his group also are working with members of the world-renowned International Center for Diarrheal Disease Research in Dhaka, Bangladesh.

As part of the project, malnourished infants will be given a nutritionally enriched food supplement.

"We will monitor the

collection of microbial species and genes in the gut before, during and after treatment with the supplement and determine whether the collection of gut microbes and genes undergoes a change as a result of treatment," Gordon said. "If alterations in the gut community do occur with treatment, does its 'new state' persist after cessation of therapy, or does it gradually revert to a state where the children are still at risk of malnutrition?"

The researchers also will analyze the gut microbes of the twins' mothers. A recent study by Gordon and his colleagues found that bacterial communities in the gut appear to be transmitted in a significant way from mothers to their offspring.

The grant is part of a nearly \$30 million initiative by the Gates Foundation to fund research into the root causes of malnutrition in the developing world. As part of this project, the WUSTL investigators will join forces with scientists at the University of Virginia, who will characterize the human genomes of identical and fraternal twins enrolled in this study to determine whether there are alterations in their human genes that regulate nutrient transport and processing.

By applying new genomic methods and computational tools for mining the massive data that emanate from the Malawi and Bangladesh sites, Gordon, Manary and their team, which also includes colleagues at the University of Colorado at Boulder, hope to develop a new understanding of the basis for malnutrition and test their theories at other sites in the foundation's global network.

## StoryCorps to capture patients' stories at Siteman Cancer Center

By DIANE DUKE WILLIAMS

Nationally recognized StoryCorps will visit the Siteman Cancer Center Friday, April 17, through Tuesday, April 21, as part of a collaborative project to better understand how parents with cancer discuss the diagnosis with their children.

This visit is the first time that StoryCorps, the largest oral history project of its kind, has partnered to collect the stories of cancer survivors on a single topic.

In addition to gathering stories about how parents communicate with their children, the study intends to identify the most effective ways for parents to tell their children about this disease.

StoryCorps also will visit Siteman Cancer Center at Barnes-Jewish West County Hospital April 24-27 and Siteman Cancer Center at Barnes-Jewish St. Peters Hospital April 30-May 3.

"Most parents diagnosed with cancer aren't sure how to talk to their kids about it, and there aren't many resources available to help them," said Matthew Kreuter, Ph.D., an adviser on this StoryCorps partnership and director of the Health Communications Research Laboratory at the George Warren Brown School of Social Work. "This project will help future cancer patients prepare for and make the most of these conversations."

Kreuter also is a professor at the Brown School

and holds an appointment at the School of Medicine. Additionally, he is a scholar at the Washington University Institute for Public Health.

While at each Siteman Cancer Center, trained facilitators from StoryCorps will record six pairs per day. To be eligible, participants must be willing to share in detail how they told their family members or friends that they had cancer. The family member or friend should be able to recall and share detailed memories of being told the participant had cancer. If a patient or survivor is alone, a facilitator will conduct the interview.

To help guide the discussion during the 40-minute interview, StoryCorps facilitators will provide the participants with a list of suggested questions.

Pairs also must be willing to take part in a survey and an interview after the recording.

"StoryCorps is perfectly positioned to gather stories on cancer-related topics," said Linda Squiers, Ph.D., principal investigator of the research project and a senior health communication analyst at RTI International, a nonprofit research institute. "We hope to pave the way for StoryCorps to gather stories at other cancer centers across the country. If we are able to use these stories to develop communication tools for newly diagnosed parents, we will fill a large gap in clinical resources for patients."

For more information or to register for an interview, call 935-3768.



## University Events

## Thurtene tradition continues in new location

BY NEIL SCHOENHERR

Theater, dance, carnival rides and music are just a few of the attractions that will be featured at the annual Thurtene Carnival, scheduled for 11 a.m.-8 p.m. Saturday and Sunday, April 18 and 19, on the Danforth Campus.

This year's carnival, "Timeless Traditions, Endless Adventures," will be held on Brookings Drive's grassy median in front of Brookings Hall due to construction on the northeast corner of the Danforth Campus.

This is not the first time the carnival has relocated to accommodate changes on the campus. Originally held on Francis Field in 1907, the carnival has been held in the Field House, the parking lots south of the tennis courts and the parking lot in front of Brookings Hall before moving to its current location.

Although the move from a concrete surface to a grass one has required more adaptations to the carnival's layout than previous relocations, logistical aid from the University has helped the Thurtene Honorary overcome many of the associated challenges.

The oldest and largest student-run carnival in the nation, Thurtene is presented by members of Thurtene Junior Honorary, 13 juniors who bear responsibility for the continuation of the tradition. More than 50 student organizations participate in the event.

The event this year is being sponsored by wonderwall.com, a celebrity Web site launched by MSN in February. Proceeds from the carnival will benefit the Foundation for Children with Cancer, which helps families pay their mortgage, utility and car bills and more while struggling to afford cancer treatment. More than 100,000 people are expected to attend.

Admission is free, though tickets must be purchased for rides and some plays. Foods such as barbecue, pizza, candy and ice cream also will be available for purchase.

Thurtene will expand on past years' efforts to remain environmentally friendly. This year's campaign focuses on the recycling and reuse of leftover building materials, namely wood and paint.

This year, six sororities have paired with fraternities to build facades, themed buildings more than two stories tall. Each facade is designed and decorated according to Thurtene's annual theme. Examples from the past include everything from a pirate ship to a wild west saloon to a mystery mansion to a gingerbread house. Each paired group puts on a play within its facade that is both child-friendly and entertaining to adult audiences.

Once again, Thurtene's "Kids to the Carnival" initiative will provide buses so children from local schools and charities can attend.

The Black Repertory Theater Co. returns this year to present a play for children both days of the carnival. All shows are free and open to the public.

The first campus-wide spring carnival was held May 9, 1907. It evolved from a circus to a vaudeville show in its early years. Rides appeared in 1914 when a freshman-powered merry-go-round was featured.

In 1935, after a few years off and some festivals in other forms, a revival of the carnival by the Thurtene Junior Honorary evolved into what now is known as Thurtene Carnival.

The week preceding the carnival, called "Lot Week," receives recognition from the State of Missouri through an official declaration from the governor as "Thurtene Carnival Week." During this week, students work around the clock raising facades and practicing plays.



Student groups work night and day during the week before Thurtene Carnival to create the famous facades, like this one from sorority Alpha Epsilon Phi and fraternity Alpha Epsilon Pi in 2007.

ting plays.

Following tradition, at the conclusion of the carnival, the Thurtene Junior Honorary will present the Buckley Award for best construction of a facade and awards for best production, best food and best game booth.

Also to be awarded are the prestigious Chancellor's Charity Cup for the highest donation to charity and the coveted Burmeister Cup for best overall participation in the carnival.

For more information, visit [thurtene.org](http://thurtene.org).

## Carnival week to limit parking

Because of Thurtene Carnival's move to Brookings Drive, several parking changes have taken place.

Approximately 200 spaces will be closed on the southeast corner of Lot 4 (by Whitaker Hall) through Monday, April 20. In addition to the lot closure, Brookings Drive (westbound) will be closed during this time period as well.

There will be no parking on eastbound Brookings Drive through April 20, but eastbound-only traffic will be allowed.

The Parking & Transportation Services Web site will be updated with parking information related to the Thurtene Carnival. Visit [parking.wustl.edu/thurtene.htm](http://parking.wustl.edu/thurtene.htm) for more information.

## Retirement • Education in Residency • Polystylism

"University Events" lists a portion of the activities taking place April 16-29 at Washington University. Visit the Web for expanded calendars for the Danforth Campus ([news-info.wustl.edu/calendars](http://news-info.wustl.edu/calendars)) and the School of Medicine ([medschool.wustl.edu/calendars.html](http://medschool.wustl.edu/calendars.html)).

## Exhibits

**"Eero Saarinen: Shaping the Future."** Through April 27. Mildred Lane Kemper Art Museum. 935-4523.

**"Expressions of Jewish Life Through Texts and Objects."** Through June 28. Olin Library, Lvl. 1, Grand Staircase Lobby and Ginkgo Rm. 935-4151.

## Film

## Wednesday, April 22

**6:30 p.m. Japanese Film Series.** "Tony Takitani." Jun Ichikawa, dir. Seigle Hall, Rm. 103. 935-5110.

## Thursday, April 23

**7 p.m. Film & Media Studies Hungarian Film Screening.** "A Tanú" (The Witness). Péter Bascó, dir. Steinberg Aud. 935-4055.

## Lectures

## Thursday, April 16

**2:30-5 p.m. Neurology and Neurological Surgery Symposium.** Annual Symposium on Translational Neurosciences Featuring the George H. Bishop and Hope Center Lectures. "Mapping Language Systems in-Vivo: Current Applications and Translational Paradigms." Mitchel S. Berger,

prof. and chair of neurological surgery, U. of Calif., San Francisco. "Axonal Self-Destruction and Neurodegenerative Disease." Marc T. Tessier-Lavigne, exec. vice pres., Genentech Inc. Eric P. Newman Education Center Aud. 747-0644.

**3 p.m. Siteman Cancer Center Basic Science Seminar Series.** Stephen Konieczny, prof. of biological sciences, Purdue U. Eric P. Newman Education Center Aud. 454-7029.

**4 p.m. QUAD-Departmental Seminar Series.** Annual David M. Kipnis Lecture. "Responses of Cells and Organisms to Perturbing Telomere Maintenance." Elizabeth Blackburn, prof. of biochemistry and biophysics, U. of Calif., San Francisco. Co-sponsored by depts. of Genetics, of Biochemistry & Molecular Biophysics, of Cell Biology & Physiology and of Developmental Biology. Moore Aud. 362-2139.

**4 p.m. Religious Studies Lecture.** Witherspoon Lecture in Religion and Science. "Antievolution in America: From Creation Science to Intelligent Design." Ronald L. Numbers, prof. of history and science of medicine, U. of Wisc.-Madison. (Reception follows.) Whitaker Hall Aud. 935-8677.

**4 p.m. Vision Science Seminar Series.** "Cone Targeted Gene Therapy." William W. Hauswirth, prof. of ophthalmology, U. of Fla. College of Medicine. Maternity Bldg., Rm. 725. 362-3315.

**4:15 p.m. Earth & Planetary Sciences Colloquium.** "Meteorites, Asteroids and the Structure of the Solar Nebula." Brother Guy Consolmagno, Vatican Observatory. Earth & Planetary Sciences Bldg., Rm. 203. 935-5510.

**7 p.m. McDonnell Center for the Space Sciences Colloquium.** McDonnell Distinguished Lecture Series. "Finding the Big Bang." P. James E. Peebles, prof. of science emeritus, Princeton U. Brown Hall, Rm. 100. 935-5332.

**8 p.m. The Writing Program Reading Series.** Nick Reding, author. Duncker Hall, Rm. 201 Hurst Lounge. 935-7130.

## How to submit 'University Events'

Submit "University Events" items to Angela Hall of the Record staff via:

**e-mail** — [recordcalendar@wustl.edu](mailto:recordcalendar@wustl.edu)

**campus mail** — Campus Box 1070

**fax** — 935-4259

Upon request, forms for submitting events will be e-mailed, mailed or faxed to departments to be filled out and returned.

Deadline for submissions is noon the Thursday prior to publication date.

## Friday, April 17

**9:15 a.m. Pediatric Grand Rounds.** "Epilepsy — Transitional Research." John Zempel, asst. prof. of neurology. Clopton Aud., 4950 Children's Place. 454-6006.

**11 a.m. Energy, Environmental and Chemical Engineering Seminar.** "Electrochemical Synthesis of Inorganic Electrodes with Controlled Micro- and Nano-Structures for Use in Clean Energy Production." Kyoung-Shin Choi, assoc. prof. of chemistry, Purdue U. Lopata Hall, Rm. 101. 935-5548.

**12:30 p.m. Biostatistics Seminar Series.** Robert Lyles, assoc. prof. of biostatistics, Emory U. Shriners Bldg., Rm. 3307, 706 S. Euclid. 362-1565.

**4 p.m. Dept. of Music Lecture Series.** "Of Texts and Other Demons: An Opera Comique Goes to Italy." Francesco Izzo, visiting prof. of music, U. of Chicago. Music Classroom Bldg., Rm. 102. 935-5566.

**7:30 p.m. Saint Louis Astronomical Society Meeting.** "Why Does the Pope Have an

Astronomer?" Brother Guy Consolmagno, Vatican Observatory. McDonnell Hall, Rm. 162. 935-4614.

## Saturday, April 18

**10 a.m. Physics Saturday Science Seminar Series.** "Galileo's Trial." Michael Friedlander, prof. of physics. Crow Hall, Rm. 201. 935-6276.

**10:30 a.m. Dept. of Music Symposium.** "Damnation of Faust" by Hector Berlioz." (Refreshments at 10 a.m.) Wilson Hall, Rm. 214. 935-5566.

## Monday, April 20

**6:30 p.m. Sam Fox School Spring Lecture Series.** Marianne Burkhalter & Christian Sumi, partners, burkhalter sumi architekten, Zurich. (Reception 6 p.m.) Steinberg Aud. 935-9300.

## Tuesday, April 21

**9 a.m. Center for Aging Conference. Annual Friedman Conference.** "In the Words of the Artist: The Influence of Age on Creativity and Expression." Eric P. Newman Education Center. To register: 286-2441.

**Noon. Molecular Microbiology & Microbial Pathogenesis Seminar Series.** "The Ecology and Evolution of *Vibrio Cholerae* in the Ganges Delta." Gary Schoolnik, asst. prof. of geographic medicine and infectious diseases, Stanford U. School of Medicine. McDonnell Medical Sciences Bldg., Erlanger Aud. 362-2772.

**4:30 p.m. Freedom From Smoking Class.** "On the Road to Freedom." (Also at 5:30 p.m. April 21.) Center for Advanced Medicine, Barnard Health and Cancer Info. Center. To register: 362-7844.

## Wednesday, April 22

**12:15 p.m. Alpha Omega Alpha Spring Lecture.** "Lights Along the Path: Getting the Most Education in Residency." Sanjeev Bhalla, assoc. prof. of radiology. Farrell Learning & Teaching Center, Connor Aud. 362-6251.

**3 p.m. History Colloquium.** "Can You See Me? Reading 'Race' in the Jimi Hendrix

Experience." Matt Jacobson, prof. of history and African-American studies, Yale U. Eliot Hall, Rm. 300M. 935-5450.

**4 p.m. QUAD-Departmental Seminar Series.** "RNA-based Paramutations." Jay Hollick, adjunct asst. prof. of plant and microbial biology, U. of Calif., Berkeley. Co-sponsored by depts. of Genetics, of Biochemistry & Molecular Biophysics, of Cell Biology & Physiology and of Developmental Biology. Moore Aud. 362-2139.

## Thursday, April 23

**8 a.m. Holocaust Remembrance Medical Grand Rounds Lecture.** "Shoah ... 60 Years Later. What Have We Learned?" Gustav Schonfeld, prof. of medicine. Clopton Aud., 4950 Children's Place. 454-7116.

**4 p.m. Vision Science Seminar Series.** "Cholesterol and Neurodegeneration: Insights From Niemann-Pick C Disease." Daniel S. Ory, prof. of medicine. Maternity Bldg., Rm. 725. 362-3315.

## Friday, April 24

**9:15 a.m. Pediatric Grand Rounds.** The Inaugural Carl and Sue Smith Lecture in Pediatric Laboratory Medicine. "What's New With Fatty Acid Oxidation Defects: The Long and the Short of an Evolving Metabolic Pathway." Michael J. Bennett, prof. of pathology and laboratory medicine, Children's Hospital of Philadelphia. Clopton Aud., 4950 Children's Place. 454-6006.

**11 a.m. Energy, Environmental and Chemical Engineering Seminar.** "Toxicity Evaluation of Nanomaterials: Importance of Material Characterization." Saber Hussain, senior scientist, Air Force Research Lab. Lopata Hall, Rm. 101. 935-5548.

**4 p.m. Dept. of Music Lecture Series.** "Alfred Schnittke & the Late Twentieth-Century Culture of Collage: A Preliminary Genealogy of Polystylism." Peter Schmelz, asst. prof. of music. Music Classroom Bldg., Rm. 102. 935-5566.

## Saturday, April 25

**9 a.m.-4 p.m. WU Frontiers in Technology and Science Conference.**



## Eliot Trio's annual concert April 19

The Eliot Trio will perform music of Wolfgang Amadeus Mozart, Gabriel Faure and Felix Mendelssohn at 7:30 p.m. Sunday, April 19, in the 560 Music Center's E. Desmond Lee Concert Hall.

The Eliot Trio consists of Seth Carlin, professor and director of the piano program in the Department of Music in Arts & Sciences; violinist David Halen, concertmaster for the Saint Louis Symphony Orchestra; and cellist Bjorn Ranheim, also with the Saint Louis Symphony Orchestra.

Named for Washington University founder William Greenleaf Eliot, the group was established by Carlin in the early 1990s and is dedicated to performing masterworks of the piano trio literature. It typically presents one concert each year.

This year's program will open with Mozart's "Trio in G major, K. 564." This light yet flawlessly crafted work was written in Vienna in 1788 amidst an especially productive period that also saw the completion of Mozart's last three symphonies. Next on the program will be Faure's "Trio in D minor opus 120," Faure's only piano trio, written from 1922-23, when the composer was 78. The evening will conclude with Mendelssohn's "Trio opus 66 in C minor" (1845), selected to mark the bicentennial of the composer's birth.

Carlin has performed as soloist

with orchestras around the world and with conductors such as Roger Norrington, Nicholas McGegan and Leonard Slatkin.

In the past several years he has performed Beethoven's "Triple Concerto with the Saint Louis Symphony Orchestra and appeared as soloist with the San Francisco Philharmonia Baroque, the period-instrument orchestra.

He has played on French, Swedish, Chinese and German national television and radio and, in recent years, has given concerts



Carlin

St. Louis and New York.

Halen — a 2002 recipient of the Saint Louis Arts and Entertainment award for excellence — has been with the Saint Louis Symphony Orchestra since 1991 and was appointed concertmaster in 1995.

He frequently appears as a soloist, both with the symphony orchestra and in performance around the country, and often teams with Carlin for local chamber concerts.

As co-founder and artistic director of the Innsbrook Institute at Innsbrook, Mo., Halen also coordinates a week-long summer festival of chamber music performance and training for aspiring artists. He plays a violin made by Johannes Baptiste Guadagnini in Milan in 1753.

Ranheim joined the Saint Louis Symphony Orchestra in 2005 and also holds the principal chair of the Colorado Music Festival in Boulder.

He previously served as associate principal cello of the Fort Worth Symphony and has performed and toured with the orchestras of Atlanta, Cleveland, Detroit and Baltimore.

He also has served as principal and assistant principal cello with the New World Symphony, the National Repertory Orchestra, the Aspen Festival Orchestra and Quebec City's critically acclaimed Le Violons du Roy. A committed advocate of contemporary music, Ranheim also has performed world-premiere works by Stephen Paulus, Paul Schoenfeld and Steven Heitzig.

Student admission is free. Tickets — \$5 for seniors and faculty and staff and \$10 for the public — are available through the Edison Theatre Box Office, 935-6543, and at the door.

For more information, call 935-5566 or e-mail kschultz@artsci.wustl.edu.

## Berlioz's 'Damnation of Faust' subject of music symposium

The Department of Music in Arts & Sciences will host a symposium titled "Damnation of Faust" by Hector Berlioz at 10:30 a.m. Saturday, April 18, in Wilson Hall. The event coincides with a pair of performances Friday, April 17, and Saturday, April 18, in Powell Hall by the Saint Louis Symphony Orchestra and Chorus, conducted by David Zinman.

Moderator is Hugh Macdonald, Ph.D., the Avis H. Blewett Professor of Music in Arts & Sciences. Macdonald has published three books on Berlioz and is founding editor of the New Berlioz Edition.

He has worked extensively in French music — especially Berlioz, Bizet and Massenet — as well as in Russian and Czech music.

Presenters will include Amy Kaiser, director of the Saint Louis Symphony Chorus; D. Kern Holoman, Ph.D., professor of music at the University of California, Davis; and Francesco Izzo, Ph.D., visiting associate professor at the University of Chicago.

Berlioz first read Goethe's "Faust" (in French translation) while a medical student in

Paris. Deeply impressed, he composed eight short pieces, based on eight scenes from the poem, and published them in 1829 as "Huit scènes de Faust" (his Opus 1).

Yet Berlioz soon grew dissatisfied with the result and, still planning a grander work, destroyed all the copies he could find.

Berlioz returned to the theme in the mid-1840s, following his successful "Romeo and Juliet," reusing some sections of the earlier attempt while also adding choral parts and libretto by Alimire Gandonniere.

The result — which Berlioz dubbed an "opera de concert" and later "legende dramatique," or dramatic legend — was neither opera nor symphony and failed to resonate with audiences.

Though today "Damnation of Faust" is considered among the composer's finest works, it was performed only twice during his lifetime.

The symposium is free and open to the public.

For more information, call 935-5566 or e-mail kschultz@artsci.wustl.edu. For more information about the performances, visit slso.org.

## Business students ask executives: Is it easy being green?

By MELODY WALKER

When Earth Day was first celebrated in 1970, calls for "corporate social responsibility" and environmentally friendly policies fell mostly on deaf ears in the business world.

Today, the green movement has moved from the fringes to the mainstream of society. To prove that point, the Olin Business School chapter of Net Impact is hosting an event featuring major corporate executives charged with promoting corporate responsibility and sustainability.

"Corporate Social Responsibility (CSR): Making an Impact on Business," will be held at 4 p.m. April 23 in Simon Hall 112. Panelists include Betsy Cohen, vice president of sustainability at Nestlé; Carol Clark, vice president of corporate social responsibility at Anheuser-Busch InBev; and Natalie DiNicola, Ph.D., director of international partnership development at Monsanto Co. Daniel Elfenbein, Ph.D., assistant professor of strategy at the Olin

Business School, will moderate.

"This panel will talk about how its CSR shapes the company brand and image in the minds of its customers," said MBA student Bethany Blackburn, an officer of Olin's Net Impact chapter. "Each company approaches CSR differently and the panelists will elaborate on why her company has taken that particular approach."

Net Impact is an international organization composed of business professionals, MBA students and undergraduates committed to making a positive impact on society by growing and strengthening a community of leaders who use business to improve the world.

Net Impact currently has 103 full-time MBA members. In addition to sponsoring educational events, the group is dedicated to encouraging environmental sustainability on campus; providing career guidance and resources for students seeking social impact careers; and promoting curriculum changes to include social impact themes.

## WU Frontiers debuts April 25

A one-day interdisciplinary conference, Washington University Frontiers in Technology and Science, will be held from 9 a.m.-4 p.m. April 25 in Cupples I, Room 199.

The conference is a series of talks targeted to both non-specialists and researchers in science, engineering and mathematics. Unlike most conferences, the object of WU Frontiers is to introduce the audience to diverse areas of research while focusing on unsolved challenges.

The speaker and the audience will benefit from the interaction among different disciplines and from discussions with a variety of perspectives. In this way, new connections throughout the

WUSTL campus can be forged.

The focus will be on young and mid-career speakers with the goal of allowing researchers to meet one another in a setting that encourages open communication.

The conference will consist of seven 25-minute talks, each followed by a 15-minute question-and-answer session.

The program has been planned by Sophia Hayes, Ph.D., associate professor of chemistry, and John McCarthy, Ph.D., professor of mathematics, both in Arts & Sciences.

WU Frontiers was inspired by the Kavli Frontiers of Science conferences, run in conjunction with the National Academy of Science.

(Reception & discussion follows.) Cupples I Hall, Rm. 199. To register: mccarthy@wustl.edu.

**10 a.m. Conversations in Biology Speaker Series.** "Biofuels: Prospects, Realities and Controversies." Tuan-hua David Ho, prof. of biology. Rebstock Hall, Rm. 215. 935-6871.

### Monday, April 27

**Noon. Work, Families and Public Policy Brown Bag Seminar Series.** "Economic Preparation for Retirement: Then and Now." Michael Hurd, senior economist, RAND Corp. Seigle Hall, Rm. 348. 935-4918.

**4 p.m. Immunology Research Seminar Series.** Adrian Hayday, chair, dept. of immunobiology, King's College London School of Medicine. Farrell Learning & Teaching Center, Connor Aud. 362-2763.

### Tuesday, April 28

**Noon. Mallinckrodt Inst. of Radiology Lecture.** Annual Hyman R. Senturia Lecture. "Percutaneous Ablation of Hepatic Malignancies: Current Status and Future Directions." Debra Gervais, assoc. prof. of radiology, Harvard Medical School. Scarpellino Aud., 510 S. Kingshighway Blvd. 362-2866.

**Noon. Molecular Microbiology & Microbial Pathogenesis Seminar Series.** "Differential Control of Bacterial Gene Expression." Eduardo Groisman, prof. of molecular microbiology. McDonnell Medical Sciences Bldg., Cori Aud. 286-1123.

**4:30 p.m. Freedom From Smoking Class.** "Wanting to Quit." (Also at 5:30 p.m. April 28.) Center for Advanced Medicine, Barnard Health and Cancer Info. Center. To register: 362-7844.

### Wednesday, April 29

**6:30 p.m.-9:30 p.m. Esophageal & Gastric Cancer Symposium.** Dinner Meeting. Cost: \$40. The Ritz-Carlton St. Louis, 100 Carondelet Plaza. To register: 362-6891.

**4 p.m. QUAD-Departmental Seminar Series.** "Targeting Heterochromatin Formation in Drosophila Melanogaster." Sarah C.R. Elgin, prof. of biology. Co-sponsored by depts. of Genetics, of Biochemistry & Molecular Biophysics, of Cell Biology & Physiology and of Developmental Biology. Moore Aud. 362-2139.

## Music

### Thursday, April 16

**8 p.m. Jazz at Holmes.** Anita Rosamond, vocals. Ridgley Hall, Holmes Lounge. 862-0874.

### Friday, April 17

**6 p.m. Kemper Presents Concert Series.** The 75s and Left Arm. Kemper Art Museum. 935-4523.

**8 p.m. Concert.** Concert Choir. Graham Chapel. 935-5566.

### Saturday, April 18

**3 p.m. Senior Voice Recital.** Alison Moritz. Graham Chapel. 935-5566.

### Sunday, April 19

**3 p.m. Graduate Voice Recital.** Joshua Stanton. Graham Chapel. 935-5566.

**7:30 p.m. Concert.** Eliot Trio. E. Desmond Lee Concert Hall, 560 Trinity Ave. 935-5566.

### Monday, April 20

**8 p.m. Student Recital.** Graham Chapel. 935-5566.

### Wednesday, April 22

**8 p.m. Concert.** Jazz Band. Ridgley Hall, Holmes Lounge. 935-5566.

### Friday, April 24

**6 p.m. Kemper Presents Concert Series.** Brotha'D and the WOO-Daddies. Kemper Art Museum. 935-4523.

### Saturday, April 25

**2 p.m. Senior Recital.** Andrew Gavinski. Recital Hall, 560 Trinity Ave. 935-5566.

**4 p.m. Concert.** Chamber Winds. Tisch Commons, Danforth University Center. 935-5566.

**5 p.m. Sophomore Voice Recital.** Taylor Martin and Lindsay Keller. Recital Hall, 560 Trinity Ave. 935-5566.

### Sunday, April 26

**3 p.m. Annual Chancellor's Concert.** E. Desmond Lee Concert Hall, 560 Trinity Ave. 935-5566.

### Monday, April 27

**8 p.m. Concert.** Flute Choir. Graham Chapel. 935-5566.

### Tuesday, April 28

**8 p.m. Concert.** Small Chamber Ensembles. Ridgley Hall, Holmes Lounge. 935-5566.

### Wednesday, April 29

**7 p.m. Concert.** Jazz Combo Concert. Ballroom Theater, 560 Trinity Ave. 935-5566.

## On Stage

### Friday, April 17

**8 p.m. Performing Arts Dept. Presentation.** "Mother Courage and Her Children." (Also 8 p.m. April 18, 24 & 25; 2 p.m. April 19)

and 26.) Cost: \$15, \$10 for students, faculty and staff. Edison Theatre. 935-6543.

## And More

### Thursday, April 16

**9 a.m.-1 p.m. Wellness Fair.** The Gargoyle, Mallinckrodt Student Center. Open to Danforth Campus benefits-eligible faculty and staff members. Sponsored by the Office of Human Resources. 935-5990.

### Friday, April 17

**6 p.m. School of Law Distinguished Alumni Awards.** Crowder Courtyard, Anheuser-Busch Hall. 935-7544.

### Saturday, April 18

**11 a.m.-8 p.m. Thurtene Carnival 2009.** Brookings Drive. (Continues 11 a.m. April 19.) For more information: thurtene.org.

**4 p.m. Kemper Art Museum Public Video Screening.** Featuring selected video submissions for the 1,000 Arches project. Steinberg Hall Aud. 935-4523.

### Tuesday, April 21

**Noon. Human Resources Annual Workshop.** "Planning for the Future of a Child or Other Dependents With Special Needs." (Also Noon April 22, N. Brookings Hall, Rm. 222; Noon April 23, West Campus, Conf. Rm. 150.) Farrell Learning & Teaching Center, Rm. 214 A&B. 935-5931 or 362-4929.

### Thursday, April 23

**4 p.m. Net Impact Student Group Panel Discussion.** "CSR: Making An Impact on Business." Simon Hall, Rm. 112. For more information: blackburn@wustl.edu.

**5 p.m. Skandalaris Center Social Entrepreneurship & Innovation**

**Competition Awards Ceremony.** Bill Strickland, CEO, Manchester Bidwell Corp., keynote speaker. Simon Hall, May Aud. 935-9134.

## Sports

### Monday, April 20

**3 p.m. Baseball vs. Webster U.** Athletic Complex. 935-4705.

### Wednesday, April 22

**4:30 p.m. Women's Tennis vs. McKendree U.** Tao Tennis Center. 935-4705.

### Saturday, April 25

**Noon. Softball vs. Mo. Baptist U.** WUSTL Field. 935-4705.

### Sunday, April 26

**4 p.m. Softball vs. Fontbonne U.** WUSTL Field. 935-4705.

### Tuesday, April 28

**4 p.m. Softball vs. Greenville College.** WUSTL Field. 935-4705.

## Green Your Office

Print only when you need to. Try to use e-mail, digital documents and other nonprinting methods whenever possible. You can turn documents into PDFs by going to the "print" menu and selecting "Adobe PDF" as the printer option.



# Mexico's health insurance success offers lessons for U.S., study says

By GERRY EVERDING

As the United States considers major health-care reforms, it may have lessons to learn from Seguro Popular, Mexico's ambitious plan to improve health care for its estimated 50 million uninsured citizens, suggests Ryan Moore, Ph.D., co-author of a study published April 8 in *The Lancet*, a leading international medical journal.

The study, conducted through a partnership of Mexican health officials and researchers from leading American universities, offers a model U.S. policymakers might use to scientifically explore solutions to America's own looming health-care crisis, an experimental approach proven to deliver objective answers to even the most controversial and politically charged questions.

"If the administration has done arms-length science and has involved third parties, like the researchers who were involved in this study, then the case that the administration can make for continuing these programs is much stronger," said Moore, an assistant professor of political science in Arts & Sciences. "They're more likely to get at the truth — it's good politics, and it's good science."

The article, "Public Policy for the Poor? A Randomized Assessment of the Mexican Universal Health Insurance Program," details a massive, two-year field experiment designed to evaluate

Mexico's push to bring better health care to communities ranging from remote villages to crowded urban areas.

The study turned dozens of Mexican communities into real-world laboratories where causal effects of the insurance program could be empirically measured and evaluated at the household level as new services rolled out in phases across seven Mexican states: Guerrero, Jalisco, Estado de Mexico, Morelos, Oaxaca, San Luis Potosi and Sonora.

Moore and colleagues developed the experimental design, wrote public-use software to implement it and then "tied their own hands" by publishing a preliminary study detailing exactly how the experiment and analysis would be carried out — a process designed to insulate findings from after-the-fact political meddling.

Researchers identified 74 matched pairs of communities that shared similar demographic and health conditions and worked with Mexican officials to conduct household surveys capturing a baseline snapshot of each community's health status. Then, working independent of the Mexicans, researchers randomly selected one from each matched pair of communities for early introduction of Seguro Popular, establishing a controlled framework in which individual changes in health experiences in one community could be empirically compared with control condi-

tions in the matching community.

"This was the largest randomized health-policy evaluation ever undertaken," Moore said. "We, the researchers, were involved in experimental design and in charge of data collection and analysis at the other end. Mexican officials had no control over the results, and we had full freedom to publish what we found."

Residents in test areas were encouraged to enroll in Seguro Popular, and participating Mexican states received funds to upgrade medical facilities and improve access to health services, preventive care and medications. Follow-up surveys show the program is making a difference on its primary objective, documenting a 23 percent reduction in families experiencing catastrophic health expenditures.

"This study shows that social policy targeting can be successful," Moore said. "If money is put into a program targeting the poor to receive health insurance, and if that program is well structured, then the poor can actually see reductions in the amount they pay out of pocket for health care. That may seem obvious, but it's not. Designing a program that's targeted in a certain way may not mean that resources actually reach the people it's intended to reach."

In fact, *The Lancet* study identified areas where Seguro Popular needs improvement, showing it has been slow in reaching some residents. Surprisingly,

researchers found no measurable, first-year effect on medication spending, health outcomes or utilization of health services. The bottom line, Moore said, is that without objective empirical evaluations of new programs, it's difficult to say whether funds are being spent effectively.

"This example of arms-length field experimentation and policy evaluation demonstrates how social science can contribute to bettering individuals' lives," Moore said. "A great deal can be gained when policymakers are willing to let science steer the evaluation process, when they're willing to subject themselves to the possibility of being wrong. When they do that, not only is better public policy made in the long run, but we have a stronger case to make for successful policies in the short run."

Moore is confident the Seguro Popular evaluation template could be used to guide health-care reforms now contemplated by Barack Obama's administration. He points to the State Children's Health Insurance

Program, known as SCHIP, as an example of legislation that already incorporates incentives for states to experiment with funding and services. Some Medicare reform plans encourage experimentation as a way to answer questions about what works best, both on cost and quality of care.

If the United States wants to be ready to make large-scale changes in its health system, now is the time for small-scale testing.

"If researchers are allowed to select these test areas — using scientifically and statistically valid methods — we'll be able to use experimental methods to do good science, to cut through the politics and get the answers we need," Moore said. "We can get at truth using these randomized experiments."

The Mexican Ministry of Health, the National Institute of Public Health of Mexico and the Harvard University Institute for Quantitative Social Science provided funding for the study. Gary King, Ph.D., a Harvard professor and director of the institute, is the lead author.

## Sports

### Winning streak at 11 for men's tennis

Seniors Charlie Cutler and Chris Hoeland teamed up for a win at No. 1 doubles and had two convincing singles victories to lead the No. 2 men's tennis team to an 8-1 win over the University of Chicago April 11 at the Tao Tennis Center.

WUSTL extended its overall winning streak to 11 matches, the third-longest in school history. The home victory was its 26th straight dating back to the 2006-07 season and its 43rd in the past 44 matches dating back to the 2006-07 season.

The Bears also posted an 8-1 win over No. 12 University of Texas at Tyler April 10.

### Women's golf wraps up first season

Junior Kristina Zeschin tied the school record with an 18-hole score of 79 to lead the women's golf team to a sixth-place finish at the McKendree Spring Invitational April 11. Zeschin tied for fifth place and was one of 16 student-athletes named to the All-Tournament Team.

Despite the wet conditions and standing puddles on the course, sophomore Kathleen Pettinato and freshman Katie Homa each shot an 89 to tie for 30th, while freshman Sarah Miller registered a

94 for a 50th-place finish to round off the scoring for the Bears. Junior Margaret Manning made her third career start and shot a career-best 85 to tie for 18th place while competing as an individual.

WUSTL completes its first season as a varsity program Friday and Saturday, April 17 and 18, at the Millikin Spring Classic in Decatur, Ill.

### Freshman pitcher tosses no-hitter

Freshman Olivia Cook tossed a no-hitter in Game 1 to propel the No. 25 softball team to a double-header sweep over Illinois College April 8 at the WU Softball Field.

The Bears posted an 8-0 win in five innings in Game 1 and then registered a 6-1 victory in the nightcap.

Cook, who improved to 4-3 on the mound, struck out two and walked one as she registered the 20th no-hitter in school history.

Senior Lindsay Cavarra was 3-for-3 with four RBIs, moving past Kristin Harrer (2000-03) into ninth place on the all-time RBI list with 63. Junior Caitlyn Hoffman was also 3-for-3, while junior Megan Fieser, junior Ashton Hitchcock and senior Kerry Kreitman added two hits apiece.

Sophomore Claire Voris (12-4) surrendered a run in the seventh but finished with a complete game victory in Game 2.

## Geoscience

Ultimate goal: Earth's inside temperature

— from Page 1

through rocks than conventional methods. In laser-flash analysis, a rock sample is held at a given temperature and then subjected to a laser pulse of heat, allowing Hofmeister to measure the time it takes for the heat to go from one end of the sample to the other.

This measurement of thermal diffusivity, or how fast heat flows through matter, is another way to describe the thermal conductivity of a rock. Since measuring heat transport in the crust itself is impossible, Hofmeister used the laser to measure heat transport in individual rock samples at various temperatures and then averaged across samples to represent the dynamics of the crust.

In collaboration with two researchers from the University of Missouri-Columbia, Peter I. Nabelek, Ph.D., professor of geological sciences, and Alan G. Whittington, Ph.D., assistant professor of geological sciences, Hofmeister applied her findings to explain geological phenomena observed in the environment.

The results, published in the March 19 issue of *Nature*, suggest that rock conductivity is not constant as was previously assumed but instead varies strongly with temperature.

"Our analysis shows that rocks are more efficient at conducting heat at low temperatures than was previously thought and less efficient at high temperatures," Hofmeister said. "The process of moving heat around really depends on the temperature of the rocks."

Hofmeister and her collaborators found that the conductivity of rocks in the lower crust, where the external temperature is very high, is much lower — by as much as 50 percent — than was predicted by conventional methods.

These results also suggest that the lower crust may be much hotter than scientists previously recognized. Since rocks become better insulators and poorer conductors at high temperatures, the



Anne M. Hofmeister, Ph.D., research professor of earth and planetary sciences in Arts & Sciences, demonstrates the technique she developed, laser-flash analysis.

lower crust acts like a blanket over the heat-generating mantle, the layer underlying the crust.

The observation that the lower crust is a good thermal insulator has broad implications for scientists' understanding of fundamental geological processes such as magma production.

"The new methods change our understanding of how heat is transported in geological environments," Hofmeister said. "This pertains to where you find magmas, where you cook metamorphic rock and where lavas form on ocean ridges."

She and her colleagues used the new temperature-dependent data to form computer models that predict the consequences of burying and heating up rocks during mountain belt formation, as occurs in the present-day Himalayas.

While prior models relied upon extraordinary processes such as high levels of radioactivity to explain the melting of the crust in the Himalayas, Hofmeister and her collaborators' work suggests that the thermal properties of the rocks themselves might be sufficient to generate magmas.

In particular, they find that the strain heating, or friction, caused by mountain belt formation can trigger crustal melting. Because the lower crust is such a good

thermal insulator, strain heating is much faster, more efficient and more self-perpetuating than previously recognized.

"The melt is more insulating than the rock," Hofmeister said. "Once you get rocks melting, the thermal diffusivity goes down, which makes it harder to cool the rocks. They stay hot longer, and there's the potential for more melting."

Hofmeister said the Himalaya situation described in the study is probably not unique. Because heat transport is such an important driver, many models of Earth's geological behavior will need to be revisited in light of Hofmeister and her collaborators' findings.

These advances bring Hofmeister much closer to accomplishing what she describes as her lifelong career objective.

"The goal for most of my career has been to determine the temperature inside the earth," she said.

"It's the time dependence, how long it takes heat to flow through rocks, that is going to tell us how hot the interior is," she said.

According to Hofmeister, understanding the temperature of the Earth's interior is the first step toward understanding the Earth's thermal evolution.

## Record

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## Notables

### School of Law to present Distinguished Alumni Awards

By JESSICA MARTIN

The School of Law will celebrate the outstanding achievements of six individuals at the annual Distinguished Alumni Awards on Friday, April 17, in the Crowder Courtyard of Anheuser-Busch Hall.

Presenting the awards will be Kent Syverud, J.D., dean and the Ethan A.H. Shepley University Professor.

Four alumni will receive Distinguished Law Alumni Awards, and two will receive Distinguished Young Law Alumni Awards.

#### Distinguished Law Alumni

**Irl Baris** (A.B. '47, J.D. '48) is the founding partner of the Baris Law Firm and has participated in a number of civic and community organizations, including the city council of University City.

He successfully argued *Spinelli v. United States* (1969), a landmark case in the U.S. Supreme Court involving probable cause affidavits for search warrants. He also was successful in a reversal by the Supreme Court of an obscenity conviction, *Hartstein v. Missouri* (1971).

Baris has been active in civil rights and civil liberties movements and has represented celebrities and numerous individuals who were alleged to be organized crime figures in St. Louis and other communities. He has served as an adjunct professor at the law school for nearly 30 years.

**John David Behnke** (J.D. '83) is managing director of Freeh Group International and serves as director of risk management at Diamante Properties, a 1,500-acre high-end golf resort in Cabo San Lucas, Mexico.

He has more than 22 years of law-enforcement experience, with 20 years at the Federal Bureau of Investigation (FBI).

During his tenure with the FBI, Behnke was selected to serve as special assistant to then-director Louis J. Freeh. He has been honored with the Attorney General's Distinguished Service Award and the Department of Justice's Dedicated Service Award.

Behnke is a cancer survivor and has participated in fund-raising and mentoring lymphoma patients in his association with the Lymphoma Research Foundation and the Lance Armstrong Foundation.

**Nordahl Brue** (J.D. '70) is chairman of Franklin Foods and has used his WUSTL legal education in a variety of ways — private practitioner, judge advocate, in-house counsel, entrepreneur, inventor, real estate developer, educator, author and, most recently, as a director and adviser to business and nonprofit entities.

Brue founded Bruegger's Bagels, which he grew to a chain of some 300 bagel-themed, fast-casual restaurants.

He also started or invested in a medical software developer, three cheese companies and an Hispanic food company. He has developed

real estate in eight states and holds a U.S. patent for Yogurt Cream Cheese.

Scholarly pursuits include teaching securities law at the University of Vermont and U.S. franchising and leasing law at Oxford University and authoring books on shopping center leases and recruitment and retention in retailing.

**Cassandra Flipper** (J.D. '66) is executive director of Bread & Roses, a nonprofit agency that brings hope and healing through live music to audiences isolated in San Francisco Bay Area institutions.

She also served for three years as the executive director of the California Court Appointed Special Advocate Association in Oakland.

Before "retiring" to the nonprofit sector, Flipper worked in private practice with top California law firms, as deputy general counsel for Levi Strauss & Co., as general counsel for The Nature Co. and as a public advocate with the U.S. Department of Justice-Civil Rights Division, the Equal Employment Opportunity Commission and the Employment Law Center in San Francisco.

#### Distinguished Young Law Alumni

**Laura Dooley** (J.D. '86) is a professor of law and the Michael and Dianne Swygert Research Fellow at Valparaiso University. She was a Bigelow Fellow and lecturer in law at the University of Chicago Law School before joining the faculty at Valparaiso.

Dooley's scholarly work has focused on procedure, both civil and criminal, and her work has appeared in such journals as the *New York University Law Review*, the *Cornell Law Review* and the *University of Illinois Law Review*.

She is a member of the American Law Institute and serves on its members' consultative group for the principles of the law of aggregate litigation. She was the 2007 recipient of the Jack Hiller Distinguished Faculty Award at Valparaiso.

**Alicia McDonnell** (J.D. '95) is an attorney in private practice and member of the law school's national council.

Currently, she is investing in real estate in Boston, managing her own properties, and buying, renovating and selling properties.

McDonnell has served as an assistant district attorney for Suffolk County, Mass., a city attorney for the Boston Police Department and most recently as a supervising assistant district attorney for Suffolk County.

In this position, she was assigned to a district court to supervise and train 10-12 assistant district attorneys, oversee all prosecutions of cases in that district court, and represent the district attorney's office in all administrative matters within this court, as well as maintain a limited caseload of high-priority and/or sensitive cases.

undergraduate students committee will be led by Jill Carnaghi, Ph.D., associate vice chancellor for students and dean of campus life.

Presentations on the new policy will be made to groups on campus, and presenters will be available to field questions from audience members.

"This initiative will only be successful with the support of the Washington University community," Glass said. "We have much work to do, but when this initiative has been accomplished, we will

### Skandalaris Center to announce winners of competition

By MELODY WALKER

Nationally recognized social entrepreneur Bill Strickland will be the featured guest when the winners of the Social Entrepreneurship and Innovation Competition (SEIC) are announced April 23.

Five finalists are vying for \$150,000 in awards — the largest prize pool for nonprofit ventures in the United States. The goal of the competition, founded in 2005 by the Skandalaris Center for Entrepreneurial Studies and the YouthBridge Community Foundation, is to stimulate activity leading to innovative approaches to the area's social problems.

The 42 entrants in this year's competition were more than double the number from last year, said Ken Harrington, director of the Skandalaris Center.

"The free YouthBridge Workshops have really helped the teams produce great work," Harrington said. "The entire process is impacting social entrepreneurship activity in the St. Louis region. Successful social enterprises increase our regional economy's productivity by adding jobs while reducing the government's cost."

The finalists in the 2009 Social Entrepreneurship and Innovation Competition are:

- **Fathers Support Center Legal Clinic**, which offers affordable, certified paralegal services to noncustodial fathers;

- **Missouri Women In Trades**, which promotes the professional and personal empowerment of women through careers in the construction trades;

- **Rupununi Learners**, which promotes

literacy in the remote Rupununi region of Guyana by delivering books to 10,000 students;

- **The Exchange**, a resale shop of the Foster and Adoptive Care Coalition targeting teens and young adults; and

- **Urban Studio Cafe**, a social venture of the Urban Studio that uses the creative process for youth development and community building.

Strickland is president and CEO of Manchester Bidwell Corp. of Pittsburgh and its subsidiaries, Manchester Craftsmen's Guild and Bidwell Training Center.

The programs offered by Manchester Bidwell provide educational and cultural opportunities to students and adults within an organizational culture that successfully fosters innovation, creativity, responsibility and integrity. Strickland has been honored numerous times for his contributions to the arts and the community, including a MacArthur "Genius" award.

The awards ceremony will begin at 5 p.m. in May Auditorium in Simon Hall. It will feature a panel discussion with community and student entrepreneurs asking questions of Strickland related to social entrepreneurship, its relevance in today's economy, his successes and how they are being replicated nationwide.

After the program and announcement of winners, a public reception will be held in Simon Hall featuring posters from the five finalists.

Support for the SEIC is provided by the YouthBridge Community Foundation as well as the Incarnate Word Foundation, the Lutheran Foundation of St. Louis and the Daughters of Charity Foundation of St. Louis, a new sponsor this year.

## For the Record

### Of note

**Maria Cristina Ajenjo**, M.D., a visiting researcher in the Division of Infectious Diseases, was named a Society for Healthcare Epidemiology of America International Ambassador at its recent annual meeting in San Diego. ...

**Sean Savoie**, design and technical coordinator in the Performing Arts Department in Arts &

Sciences, has received the 2009 U.S. Institute for Theatre Technology's Rising Star Award. The award is given annually to a designer in the first four years of professional (nonacademic) work following completion of the designer's highest degree. The award recognizes excellence and artistic achievement in the areas of scenic, lighting, sound and projection design, or in the convergence of these design disciplines, and includes a \$1,000 prize.

### In print

**Mark Bagby**, University emergency coordinator, was profiled in the March 2009 issue of the *Campus Safety, Health and Environmental Management Association (CSHEMA) newsletter, The Connection*. Bagby was featured because of his contributions to CSHEMA.

## Trustees grant faculty promotions, tenure

At recent Board of Trustees meetings, the following faculty members were promoted with tenure, appointed with tenure or granted tenure effective July 1, 2009, unless otherwise noted.

#### Appointment with tenure

Sarah J. Gehlert, Ph.D., as professor of social work, effective Jan. 1, 2009

Robert F. Krueger, Ph.D., as professor of psychology in Arts & Sciences, effective Sept. 1, 2008

Jennifer K. Lodge, Ph.D., as professor of molecular microbiology, effective Feb. 1, 2009, with tenure effective March 7, 2009

Gaylyn Studlar, Ph.D., as professor of performing arts in Arts & Sciences, effective Jan. 1, 2009

#### Promotion with tenure

Anne Margaret Baxley, Ph.D., to associate professor of philosophy in Arts & Sciences

Vladimir B. Birman, Ph.D., to associate professor of chemistry in Arts & Sciences

Eric Thai Kun Choi, M.D., to associate professor of surgery (general surgery), effective Jan. 1, 2009, with tenure effective March 7, 2009

Patrick Crowley, Ph.D., to associate professor of computer science and engineering

Donald L. Elbert, Ph.D., to associate professor of biomedical engineering

Seth R. Graebner, Ph.D., to associate professor of French in Arts & Sciences

Xianlin Han, Ph.D., to associate professor of medicine, effective July 1, 2008, with tenure effective Oct. 3, 2008

Carolyn K. Lesorogol, Ph.D., to associate professor of social work

Zeuler Lima, Ph.D., to associate professor of architecture

Daniel W. Moran, Ph.D., to associate professor of biomedical engineering

Rakesh Nagarajan, M.D., Ph.D., to associate professor of pathology and immunology

Jennifer R. Smith, Ph.D., to associate professor of earth and planetary sciences in Arts & Sciences

Corinna A. Treitel, Ph.D., to associate professor of history in Arts & Sciences

Carol M. Woods, Ph.D., to associate professor of psychology in Arts & Sciences

#### Granting of tenure

Lingxiu Dong, Ph.D., associate professor of operations and manufacturing management

## Tobacco

— from Page 1

policy implementation and solicit help to overcome these potential problems.

The faculty and staff committee will be led by Glass and Brad Freeman, M.D., associate professor of surgery. The graduate and professional students committee will be led by Sheri Notaro, Ph.D., associate dean for the Graduate School of Arts & Sciences. The

have a healthier working and learning environment."

As information is available, particularly regarding the availability of smoking-cessation classes, updates will be provided on the Student Health Services Web site, [shs.wustl.edu](http://shs.wustl.edu), and the Human Resources Wellness Connection Web site, [wellnessconnection.wustl.edu](http://wellnessconnection.wustl.edu).

In addition, useful information can be found at the School of Medicine Web site, [healthyliving.wustl.edu](http://healthyliving.wustl.edu).

## Olin Library now on Facebook

Olin Library launched its Facebook page April 1. On the page, WUSTL community members can find scholarly resources, learn about upcoming library events and have their library questions answered by experts, all without leaving the Facebook Web site.

From the Olin Library Facebook page, students, faculty and staff can search the Library Catalog and popular databases JSTOR and CiteMe.

For those with questions, the page also lists the Help Desk

phone number and offers instant messaging that connects researchers to members of the library's Help Desk. Upcoming library events and library hours also are posted.

The page links to other University Libraries Facebook pages, such as the WUSTL Chemistry Library and the Olin Library Arc Technology Center.

To access the page or become a fan of Olin Library, log onto Facebook and search "Washington University Libraries — Olin Library."



## Washington People

**L**isa Stevenson joined the Office of Diversity Programs one year after its formation. In Stevenson, Will Ross, M.D., associate dean for diversity, found someone who shared his vision.

Stevenson knew she had made the right decision from the beginning.

"I met some great students and felt like it was a privilege to interview them," Stevenson says. "I also liked being part of a small but vital part of the medical school."

Whether she's recruiting underrepresented students or organizing the Saturday Scholars public high-school outreach program, colleagues say Stevenson is organized and has high standards and an attitude of "get it right the first time." She was named director of the diversity programs office in 2006.

Ross took on the challenge of promoting racial diversity at the School of Medicine in 1996. His first order of business was to change the name of his department from Office of Minority Affairs to Office of Diversity Programs. Almost immediately, students of all races started



Lisa Stevenson (center), director of the Office of Diversity Programs, talks to Jamaji Nwanaji Enwerem (left) and Jabari Elliott, both students from Morehouse College who recently visited WUSTL to learn about graduate programs in science, medicine, technology, engineering and mathematics. "A diligent and intrepid recruiter, Lisa knows the school inside and out, and she projects the warm sense of community, excitement of discovery, community engagement and opportunities for personal fulfillment that set our environment apart," says W. Edwin Dodson, M.D., associate vice chancellor and associate dean for admissions and for continuing medical education.

BY DIANE DUKE WILLIAMS

## Sharing the vision

Stevenson excels in promoting diversity at the medical school

knocking on the door, wanting to learn more about this new resource.

Ross' vision was not only to recruit minority students but also to change the overall medical school environment. He wanted minority students to feel a degree of camaraderie with each other and feel like a part of the greater student body.

He also believed a successful physician must have the ability to relate to all of his or her patients and community, and that these skills can only come through an understanding and acceptance of the broad range of beliefs and cultural practices in society.

"Increasing the number of underrepresented students at the medical school and building a more diverse physician workforce are also dreams of Lisa's," says Ross, also associate professor of medicine. "Additionally, she sees herself as a role model and mentor to students of color."

### Firsthand experience

Stevenson knows what it feels like to be in the minority in school situations.

During her childhood, Stevenson's father, a middle-school principal, and her mother, a kindergarten teacher, emphasized education. Her parents sent Lisa and her brother and sister to private schools in St. Louis — Community School and John Burroughs School.

"I had two black classmates at Community School and was one of a handful of black classmates at John Burroughs," Stevenson says.

When she applied to colleges from her North St. Louis home,

Harvard was her "reach" school. A year later, she moved to Cambridge, Mass., to begin her freshman year.

"I had no idea what I was getting into," Stevenson says. "I met people from totally different backgrounds, and the lecture halls were very large and impersonal."

She also ran into many students from the East Coast who knew little, if anything, about St. Louis or the Midwest.

Eventually, she made a group of friends, adjusted to dorm life and found her place among the large student body. She earned a bachelor's degree in psychology, planning to land a job in marketing.

"It was an exciting day for my family," Stevenson says.

### A good fit

But after working in St. Louis as a marketing analyst at Citicorp for a few years, she realized that she didn't want a job crunching numbers.

In 1987, she earned a master's in business administration from Washington University through a fellowship from the Consortium for Graduate Study in Management. This organization fosters diversity and inclusion in American business.

She then worked in human resources at a number of St. Louis companies before joining the University's Office of Undergraduate Admissions as associate director and coordinator of multicultural recruitment in 1994. In the position, she traveled the country, talking to high-school students and guidance counselors and reviewed thousands of applications.

"This job was a good fit for me," she says. "I enjoyed marketing Washington University to talented high-school students and their families."

"When our office was created, there was a critical need to weave our programs seamlessly with our recruitment efforts in order to maximize both efficiency and exposure," Ross says. "Lisa's stellar academic background and her business training provided her with the skill set she needed to retool our operations and focus more effectively on outcomes."

Each year, about 10 percent to 12 percent of medical students are from underrepresented groups. They want to see students who look like them and to feel like they'll be part of the community, Stevenson says. Having some contact with minority faculty also is important.

Stevenson developed an alumni database and a student/faculty directory to make networking

opportunities easier among students, residents, fellows, faculty and alumni from underrepresented groups.

"Once students get here, they want to see even more students of color and want to get involved in recruitment, student fairs and making phone calls to accepted students," she says.

Since Stevenson became a part of the diversity programs office, its scope has broadened beyond recruitment and student outreach efforts. The office now organizes more social events for current students and has programs that are open to everyone, including students from disadvantaged socioeconomic backgrounds who aren't members of underrepresented groups.

Stevenson also is involved in curriculum. Each year, she helps the second-year students organize a voluntary diversity retreat for all first-year students. At the retreat, students review how to treat someone whose background is different from theirs. The retreat is popular, with more than 80 percent of first-year students participating in the overnight experience.

Rosa DaSilva, program coordinator for recruitment and multicultural affairs at Harvard University Medical School, met Stevenson in the late 1990s.

"We have stayed in touch and collaborated ever since," DaSilva says. "She is an extremely bright, energetic and diplomatic administrator. I think of her as the pillar of the office, a constant figure who guides her students gently."

Medical students who work with Stevenson also praise her communication skills.

"What first struck me about Mrs. Stevenson was that she has a way of making people instantly feel comfortable around her," says Guguamobi Okafor, a first-year medical student. "She's very open and supportive — students can talk to her about anything, and she takes our concerns seriously and helps in any way she can."

Stevenson also plays a key role in admissions, chairing the Western Region medical school admissions subcommittee, which reviews and processes applications from an eight-state region.

### A diligent recruiter

W. Edwin Dodson, M.D., associate vice chancellor and associate dean for admissions and for continuing medical education, says Stevenson is an outstanding ambassador for the medical school.

"A diligent and intrepid

recruiter, Lisa knows the school inside and out, and she projects the warm sense of community, excitement of discovery, community engagement and opportunities for personal fulfillment that set our environment apart," he says.

When Stevenson is evaluating applications and conducting interviews, she says she's looking beyond academics for empathy and a dedication to something important to the student. One student was a varsity wrestler who also found time to work for a homeless shelter.

Additionally, Stevenson takes four to six trips each year to college fairs and medical exposure programs to promote the School of Medicine and to work toward increasing the racial and ethnic diversity within the student body at the medical school.

Koong-Nah Chung, Ph.D., assistant dean for medical admissions and student affairs, says Stevenson is a wonderful colleague — smart, focused and committed to making the medical school's diversity program a priority.

"I also admire her for balancing work with her home life," she says.

Stevenson is married to Jeffrey Stevenson, who works for the Metropolitan St. Louis Sewer District. Her sister set them up on a blind date. The couple has a 6-year-old daughter, Nia, who is following in her mom's footsteps at Community School.

In her spare time, Stevenson escorts her daughter to play dates, dance classes and soccer games. Stevenson makes time to exercise and enjoys yoga and spinning classes at a local gym. She also likes to read nonfiction and contemporary design or interior design magazines.

The family vacations in St. Petersburg, Fla., and Stevenson and her husband like to hear jazz at The Pageant and Jazz at the Bistro.

Stevenson says she's often inspired by the students she recruits and works with, many of whom overcome great obstacles to get to medical school.

Some students leave their home country and families to fulfill their dreams of becoming a physician, and others have to learn English while immersing themselves in their first-year studies.

"I think it's crucial to look at the distance these students have traveled to get to this point," she says.

### Lisa Stevenson

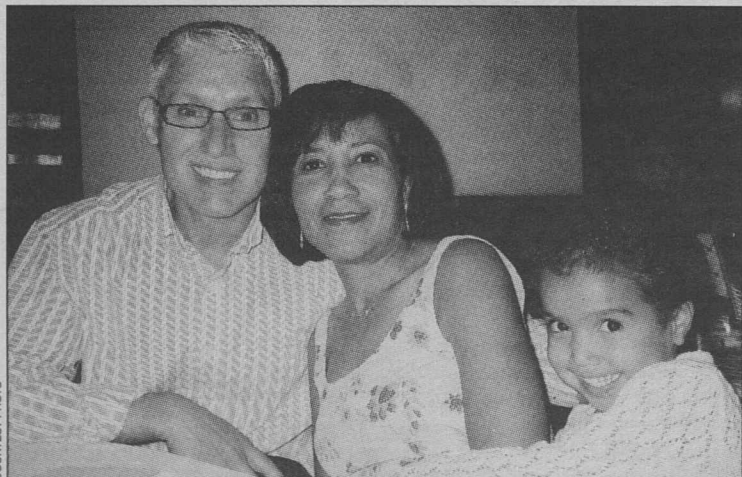
**Hometown:** St. Louis

**Education:** B.A., Harvard University; MBA, Washington University

**Title:** Director, Office of Diversity Programs

**Recent books she has read:** "Dreams from My Father" and "The Audacity of Hope," both by President Barack Obama

**Family:** Husband, Jeffrey; and daughter, Nia



Jeffrey, Lisa and Nia Stevenson.